

What is claimed is:

1. An electric power tool, in particular an electric hammer, having a drive unit (11) contained in a housing (10), an impact mechanism (12), and a handle (13),
5 including a cam (14) that is driven by the drive unit (11); the impact mechanism (12) has moving parts (15, 16),
wherein at least two of the moving parts (15, 16) are able to move inside a separate guide cylinder (17) that is stationary in relation to the moving parts (15, 16) and the cam (14).
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2. The electric power tool as recited in claim 1,
wherein a piston (15) and a striker (16) are provided as the moving parts.
3. The electric power tool as recited in claim 1 or 2,
15 wherein the piston (15) is connected to the drive unit (11) by means of a drive element (18) embodied as a separate component.
4. The electric power tool as recited in claim 3,
wherein the drive element (18) is embodied as a cranked rod.
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5. The electric power tool as recited in one of claims 2 through 4,
wherein the piston (15) and the drive element (18) are connected to each other by means of a pin (19).
- 25 6. The electric power tool as recited in claim 5,
wherein a pin axis of the pin (19) and a rotation axis (21) of the drive unit (11) are oriented at an angle to each other.
7. The electric power tool as recited in one of claims 1, 2, or 4,
30 wherein the piston (15) and the drive element (18) are embodied as integrally joined to each other.

8. The electric power tool as recited in claims 3 through 7,
wherein the drive element (18) is at least partially comprised of plastic.

5 9. The electric power tool as recited in one of the preceding claims,
wherein the piston (15) and the striker (16) have the same diameter (22).

10. The electric power tool as recited in one of the preceding claims,
wherein a slider crank (23) is provided to transmit the force between the cam
10 (14) and the drive element (18).

11. The electric power tool as recited in claim 10,
wherein a ball (24) is able to move inside the slider crank (23).

15 12. The electric power tool as recited in one of the preceding claims,
wherein it is possible to adjust an angle (α) between a longitudinal axis (25) of
the guide cylinder (17) and a rotation axis (21) of the drive unit (11).

13. The electric power tool as recited in claim 12,
20 wherein it is possible to adjust the angle (α) by means of a cranked section (26)
of the drive element (18).

14. The electric power tool as recited in one of the preceding claims,
wherein the drive unit (11) is situated centrally in relation to a longitudinal span of
25 the handle (13).

15. The electric power tool as recited in one of the preceding claims,
wherein the impact mechanism (12) is embodied as a pot-type piston (27) and
the pot-type piston (27) is able to actuate a pot-type striker (28).

30 16. The electric power tool as recited in claim 15,

wherein the pot-type piston (28) is comprised of light alloy.